T 33		To the same of the	1.00	
L Number	Hits		DB	Time stamp
1	12	(Zhang.in. or NEC.as.) and ((cut or	USPAT;	2004/01/16 12:23
		cutting or separat\$3 or separat\$3 or	US-PGPUB	
1		etch\$3 or react\$3) near6 (CNT or nanotube		
		or nanotubular or SWNT or MWNT or SWCNT or		
		MWCNT or nanopipe or (nano adj tube) or		
1		(fullerene adj tube) or (bucky adj tube)		
1		or (fullerene adj tube) or nanofiber or		
		nanofilament or (nano adj fiber) or (nano		
1_		adj filament)))		
2	29	(=====)	EPO; JPO;	2004/01/16 11:13
		cutting or separat\$3 or seperat\$3 or	DERWENT;	
		etch\$3 or react\$3) near6 (CNT or nanotube	IBM_TDB	
		or nanotubular or SWNT or MWNT or SWCNT or		
		MWCNT or nanopipe or (nano adj tube) or		
		(fullerene adj tube) or (bucky adj tube)		
		or (fullerene adj tube) or nanofiber or		
		nanofilament or (nano adj fiber) or (nano		
		adj filament)))		
3	734	(427/545,551,557,592).CCLS.	USPAT;	2004/01/16 10:45
		(407/77 70) 0076	US-PGPUB	
4	686	(427/77,78).CCLS.	USPAT;	2004/01/16 10:45
	4.5.5	(407/006) 0070	US-PGPUB	
5	1064	(427/226).CCLS.	USPAT;	2004/01/16 10:45
	0	(407/255 270 0 254 4) 5555	US-PGPUB	
6	2518	(427/355,372.2,374.1).CCLS.	USPAT;	2004/01/16 10:45
	400	(427 (444) 0010	US-PGPUB	0004/01/15
7	420	(427/444).CCLS.	USPAT;	2004/01/16 10:45
	1 400	((427/002)	US-PGPUB	0004/05/55
8	1489	((427/903) or	USPAT;	2004/01/16 10:46
	C70	(423/445R, 445B, 447.1, 447.2, 447.3, 447.8)).CC		000440444
9	672	(423/460,461).CCLS.	USPAT;	2004/01/16 10:46
10	449	(03/54) CCTC	US-PGPUB	2004/01/16 12 17
10	449	(83/54).CCLS.	USPAT;	2004/01/16 10:47
11	766	(216/83 94) CCT C	US-PGPUB	2004/01/16 12 45
**	100	(216/83,94).CCLS.	USPAT;	2004/01/16 10:47
12	8404	((427/545,551,557,592).CCLS.)	US-PGPUB	2004/01/16 10:40
	0404	((427/77,78).CCLS.) ((427/226).CCLS.)	USPAT; US-PGPUB	2004/01/16 10:48
		((427/755,372.2,374.1).CCLS.)	03-16100	
		((427/444).CCLS.) (((427/903) or		
1		(423/445R, 445B, 447.1, 447.2, 447.3, 447.8)).CC	Ls.)	
		((423/460, 461).CCLS.) ((83/54).CCLS.)	Γ΄΄	
		((216/83,94).CCLS.)		
13	12	((427/545,551,557,592).CCLS.) and (CNT or	USPAT;	2004/01/16 10:51
		nanotube or nanotubular or SWNT or MWNT or	US-PGPUB	,,
		SWCNT or MWCNT or nanopipe or (nano adj		
		tube) or (fullerene adj tube) or (bucky		
		adj tube) or (fullerene adj tube) or		
]		nanofiber or nanofilament or (nano adj		
		fiber) or (nano adj filament))		
14	2	((427/226).CCLS.) and (CNT or nanotube or	USPAT;	2004/01/16 10:52
		nanotubular or SWNT or MWNT or SWCNT or	US-PGPUB	
		MWCNT or nanopipe or (nano adj tube) or		
		(fullerene adj tube) or (bucky adj tube)		
]		or (fullerene adj tube) or nanofiber or		
[nanofilament or (nano adj fiber) or (nano		
1.5		adj filament))		
15	15		USPAT;	2004/01/16 10:55
		nanotube or nanotubular or SWNT or MWNT or	US-PGPUB	
		SWCNT or MWCNT or nanopipe or (nano adj		
		tube) or (fullerene adj tube) or (bucky		
		adj tube) or (fullerene adj tube) or		
	,	nanofiber or nanofilament or (nano adj		
16	0	fiber) or (nano adj filament))	IICDam.	2004/01/16 10 55
1	١	((427/444).CCLS.) and (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or	USPAT;	2004/01/16 10:55
	İ	MWCNT or nanopipe or (nano adj tube) or	US-PGPUB	
		(fullerene adj tube) or (bucky adj tube)		
		or (fullerene adj tube) or nanofiber or		
	İ	nanofilament or (nano adj fiber) or (nano		
		adj filament))		

17	42	((423/460,461).CCLS.) and (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))	USPAT; US-PGPUB	2004/01/16 11:04
18	0		USPAT; US-PGPUB	2004/01/16 11:04
19	2		USPAT; US-PGPUB	2004/01/16 11:05
	146		USPAT; US-PGPUB	2004/01/16 12:12

			_	
21	107	((((427/545,551,557,592).CCLS.)	USPAT;	2004/01/16 11:14
		((427/77,78).CCLS.) ((427/226).CCLS.)	US-PGPUB	
		((427/355,372.2,374.1).CCLS.)		
	ŀ	((427/444).CCLS.) (((427/903) or		
		(423/445R,445B,447.1,447.2,447.3,447.8)).CC	Ls.)	
	ļ	((423/460,461).CCLS.) ((83/54).CCLS.)		
		((216/83,94).CCLS.)) and ((cut or cutting		
		or separat\$3 or seperat\$3 or etch\$3 or		
		react\$3) near7 (CNT or nanotube or		
		nanotubular or SWNT or MWNT or SWCNT or		
		MWCNT or nanopipe or (nano adj tube) or		
		(fullerene adj tube) or (bucky adj tube)		
		or (fullerene adj tube) or nanofiber or		
		nanofilament or (nano adj fiber) or (nano		1
		adj filament)))) not		į
		((((427/545,551,557,592).CCLS.) and (CNT		
		or nanotube or nanotubular or SWNT or MWNT		
		or SWCNT or MWCNT or nanopipe or (nano adj		
	1	tube) or (fullerene adj tube) or (bucky		
		adj tube) or (fullerene adj tube) or		
		nanofiber or nanofilament or (nano adj		
		fiber) or (nano adj filament))) or		
		(((427/226).CCLS.) and (CNT or nanotube or		
		nanotubular or SWNT or MWNT or SWCNT or		
		MWCNT or nanopipe or (nano adj tube) or		
		(fullerene adj tube) or (bucky adj tube)		
		or (fullerene adj tube) or nanofiber or		
		nanofilament or (nano adj fiber) or (nano		1
		adj filament))) or		
	1	(((427/355,372.2,374.1).CCLS.) and (CNT or		
		nanotube or nanotubular or SWNT or MWNT or	:	
	1	SWCNT or MWCNT or nanopipe or (nano adj		İ
		tube) or (fullerene adj tube) or (bucky		
		adj tube) or (fullerene adj tube) or		
		nanofiber or nanofilament or (nano adj		
	İ	fiber) or (nano adj filament))) or		į
	l	(((423/460,461).CCLS.) and (CNT or	ĺ	
	į	nanotube or nanotubular or SWNT or MWNT or		
	ļ	SWCNT or MWCNT or nanopipe or (nano adj		
		tube) or (fullerene adj tube) or (bucky		
		adj tube) or (fullerene adj tube) or		1
		nanofiber or nanofilament or (nano adj		
		fiber) or (nano adj filament))) or		
		(((216/83,94).CCLS.) and (CNT or nanotube		1
		or nanotubular or SWNT or MWNT or SWCNT or		
22	271	MWCM27ø54fiafi5pipe7o592hafi6L8dj tube) or	USPAT;	2004/01/16 12:13
1		(fallerenesadGCtabe) (of275025y.60fStabe)	US-PGPUB	
	ļ	ot4274356r822.2d37tube)C6tSnanofiber or		
		nano nano nano nano nano nano		
		4433f445me445m)447.1,447.2,447.3,447.8)).CC	Ļs.)	
		((423/460,461).CCLS.) ((83/54).CCLS.)		
		((216/83,94).CCLS.)) and ((CNT or nanotube		
		or nanotubular or SWNT or MWNT or SWCNT or		
		MWCNT or nanopipe or (nano adj tube) or		
		(fullerene adj tube) or (bucky adj tube)		
		or (fullerene adj tube) or nanofilament or		
		(nano adi filament)))	·	

(nano adj filament)))

23 127 ((((427/545,551,557,592).CCLS.) USPAT; ((427/77,78).CCLS.) ((427/226).CCLS.) US-PGPUB ((427/355,372.2,374.1).CCLS.) ((427/444).CCLS.) ((427/903) or (423/445R,445B,447.1,447.2,447.3,447.8)).CCLS.) ((423/460,461).CCLS.) ((83/54).CCLS.) ((216/83,94).CCLS.)) and ((CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or	2:19
((427/355,372.2,374.1).CCLS.) ((427/444).CCLS.) (((427/903) or (423/445R,445B,447.1,447.2,447.3,447.8)).CCLS.) ((423/460,461).CCLS.) ((83/54).CCLS.) ((216/83,94).CCLS.)) and ((CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or	
((427/355,372.2,374.1).CCLS.) ((427/444).CCLS.) (((427/903) or (423/445R,445B,447.1,447.2,447.3,447.8)).CCLS.) ((423/460,461).CCLS.) ((83/54).CCLS.) ((216/83,94).CCLS.)) and ((CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or	
((427/444).CCLS.) (((427/903) or (423/445R,445B,447.1,447.2,447.3,447.8)).CCLS.) ((423/460,461).CCLS.) ((83/54).CCLS.) ((216/83,94).CCLS.)) and ((CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or	
(423/445R,445B,447.1,447.2,447.3,447.8)).CCLS.) ((423/460,461).CCLS.) ((83/54).CCLS.) ((216/83,94).CCLS.)) and ((CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or	
((423/460,461).CCLS.) ((83/54).CCLS.) ((216/83,94).CCLS.)) and ((CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or	
((216/83,94).CCLS.)) and ((CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or	
or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or	
MWCNT or nanopipe or (nano adj tube) or	
(fullerene adj tube) or (bucky adj tube)	
or (fullerene adj tube) or nanofilament or	
(nano adj filament)))) not	
((((427/545,551,557,592).CCLS.)	
((427/77,78).CCLS.) ((427/226).CCLS.)	
((427/355, 372.2, 374.1).CCLS.)	
((427/444).CCLS.) (((427/903) or	
(423/445R, 445B, 447.1, 447.2, 447.3, 447.8)).ccts.)	
((423/460, 461).CCLS.) ((83/54).CCLS.)	
((216/83,94).CCLS.)) and ((cut or cutting	
or separat\$3 or seperat\$3 or etch\$3 or	
react\$3) near7 (CNT or nanotube or	
nanotubular or SWNT or MWNT or SWCNT or	
MWCNT or nanopipe or (nano adj tube) or	
(fullerene adj tube) or (bucky adj tube)	
or (fullerene adj tube) or nanofiber or	
24 1 fall8f3lament or (nano adj fiber) or (nano USPAT; 2004/01/16 1	2:19
adj filament))))	- •
25 624 ((cut or cutting or separat\$3 or seperat\$3 USPAT; 2004/01/16 1	2.10
1	3:19
or etch\$3 or shorten\$3 or break\$3 or US-PGPUB	
open\$3 or ((reduc\$5 or decreas\$5) near2	
length)) near6 (CNT or nanotube or	
nanotubular or SWNT or MWNT or SWCNT or	
MWCNT or nanopipe or (nano adj tube) or	
(fullerene adj tube) or (bucky adj tube)	
or (fullerene adj tube) or nanofiber or	
nanofilament or (nano adj fiber) or (nano	
adj filament)))	
26 508 (((cut or cutting or separat\$3 or USPAT; 2004/01/16 1	3 • 1 Ω
seperat\$3 or etch\$3 or shorten\$3 or US-PGPUB	3.10
break\$3 or open\$3 or ((reduc\$5 or	
decreas\$5) near2 length)) near6 (CNT or	
decreass) hearz tength) hears (CNI or	
nanotube or nanotubular or SWNT or MWNT or	
SWCNT or MWCNT or nanopipe or (nano adj	
tube) or (fullerene adj tube) or (bucky	
adj tube) or (fullerene adj tube) or	
nanofiber or nanofilament or (nano adj	
fiber) or (nano adj filament)))) not	
((((427/545,551,557,592).CCLS.)	i
((427/77,78).CCLS.) ((427/226).CCLS.)	
((427/355,372.2,374.1).CCLS.)	
((427/444).CCLS.) (((427/903) or	
(423/445R, 445B, 447.1, 447.2, 447.3, 447.8)).CCLS.)	
((423/460,461).CCLS.) ((83/54).CCLS.)	
((216/83,94).CCLS.)) and ((cut or cutting	
or separat\$3 or seperat\$3 or etch\$3 or	
react\$3) near7 (CNT or nanotube or	
nanotubular or SWNT or MWNT or SWCNT or	
MWCNT or nanopipe or (nano adj tube) or	
(fullerene adj tube) or (bucky adj tube)	
or (fullerene adj tube) or nanofiber or	
27 1 64ft 52 5 ament or (nano adj fiber) or (nano USPAT; 2004/01/16 1	3:18
adj filament)))) US-PGPUB	
28 8 (((react\$4) near3 (solid)) near6 (CNT or USPAT; 2004/01/16 1	ا ۱۵۰۵
nanotube or nanotubular or SWNT or MWNT or US-PGPUB	
SWCNT or MWCNT or nanopipe or (nano adj	
tube) or (fullerene adj tube) or (bucky	
adj tube) or (fullerene adj tube) or	
nanofiber or nanofilament or (nano adj	l
fiber) or (nano adj filament)))	

29	13	(((react\$4) near3 (solid)) with (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament)))	USPAT; US-PGPUB	2004/01/16 13:26
30	6	(((diffus\$5) near4 (solid)) with (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament)))	USPAT; US-PGPUB	2004/01/16 13:31
31	30	(((diffus\$5 or react\$3) near4 (solid or metal\$3 or Nb or niobium or semiconduct\$4 or Si or silicon)) same (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))) same (cut\$4 or etch\$3 or length or shorten\$3 or open\$3 or break\$3 or broken))	USPAT; US-PGPUB	2004/01/16 13:33
32	36	(((diffus\$5 or react\$3) near4 (solid or metal\$3 or Nb or niobium or semiconduct\$4 or Si or silicon)) same (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))) same (cut\$4 or etch\$3 or length or shorten\$3 or open\$3 or break\$3 or broken or separat\$4 or seperat\$4))	USPAT; US-PGPUB	2004/01/16 13:51
33	96	((((diffus\$5 or react\$3) near8 (solid or metal\$3 or Nb or niobium or semiconduct\$4 or Si or silicon)) same (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))) same (cut\$4 or etch\$3 or length or shorten\$3 or open\$3 or break\$3 or broken or separat\$4 or seperat\$4 or truncat\$5))	USPAT; US-PGPUB	2004/01/16 14:26
34	60	((((diffus\$5 or react\$3) near8 (solid or metal\$3 or Nb or niobium or semiconduct\$4 or Si or silicon)) same (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))) same (cut\$4 or etch\$3 or length or shorten\$3 or open\$3 or break\$3 or broken or separat\$4 or seperat\$4 or truncat\$5))) not ((((diffus\$5 or react\$3) near4 (solid or metal\$3 or Nb or niobium or semiconduct\$4 or Si or silicon)) same (CNT or nanotube or nanotubular or SWNT or MWCNT or manopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))) same (cut\$4 or etch\$3 or length or shorten\$3 or open\$3 or break\$3 or broken or separat\$4 or seperat\$4))	USPAT; US-PGPUB	2004/01/16 13:40

35	3	<pre>((((diffus\$5 or react\$3) near5 (carbide)) same (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj</pre>	USPAT; US-PGPUB	2004/01/16 14:25
		tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))) same (cut\$4 or etch\$3 or length or shorten\$3 or open\$3 or break\$3 or broken or separat\$4 or seperat\$4 or truncat\$5))		
36	20	<pre>((((diffus\$5 or react\$3) near5 (carbide)) same (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))))</pre>	USPAT; US-PGPUB	2004/01/16 14:24
37	17	((((diffus\$5 or react\$3) near5 (carbide)) same (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament)))) not ((((diffus\$5 or react\$3) near5 (carbide)) same (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))) same (cut\$4 or etch\$3 or length or shorten\$3 or open\$3 or break\$3 or broken or separat\$4 or seperat\$4	USPAT; US-PGPUB	2004/01/16 13:45
38	26		USPAT; US-PGPUB	2004/01/16 14:24
39	13		USPAT; US-PGPUB	2004/01/16 13:49
40	6		USPAT; US-PGPUB	2004/01/16 14:22

			_	
41	0	((((diffus\$4) near6 (solid)) with (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))) not ((((diffus\$5) near4 (solid)) with (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament)))	US-PGPUB	2004/01/16 13:50
42	131	((((diffus\$5 or react\$3)) with (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))) with (cut\$4 or etch\$3 or length or shorten\$3 or open\$3 or break\$3 or broken or separat\$4 or seperat\$4	USPAT; US-PGPUB	2004/01/16 14:19
43	73	((((diffus\$5 or react\$3)) with (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))) with (cut\$4 or etch\$3 or length or shorten\$3 or open\$3 or break\$3 or broken or separat\$4 or seperat\$4 or truncat\$6))) not ((((diffus\$5 or react\$3) near8 (solid or metal\$3 or Nb or niobium or semiconduct\$4 or Si or silicon)) same (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))) same (cut\$4 or etch\$3 or length or shorten\$3 or open\$3 or break\$3 or broken or separat\$4 or seperat\$4 or truncat\$5)))	USPAT; US-PGPUB	2004/01/16 13:52
44	278	((((carbide or metal\$4 or semiconduct\$4 or Nb or niobium or Si or silicon)) with (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))) with (cut\$4 or etch\$3 or length or shorten\$3 or open\$3 or break\$3 or broken or separat\$4 or seperat\$4	USPAT; US-PGPUB	2004/01/16 14:17

45	79	((((carbide or metal\$4 or semiconduct\$4	USPAT;	2004/01/16 13:59
		or Nb or niobium or Si or silicon)) with	US-PGPUB	
	1	(CNT or nanotube or nanotubular or SWNT or		
		MWNT or SWCNT or MWCNT or nanopipe or		
		(nano adj tube) or (fullerene adj tube) or		•
		(bucky adj tube) or (fullerene adj tube)		
		or nanofiber or nanofilament or (nano adj		
		fiber) or (nano adj filament))) with		
	ŧ.	(cut\$4 or etch\$3 or length or shorten\$3 or		
		open\$3 or break\$3 or broken or separat\$4		•
		or seperat\$4 or truncat\$6))) and		
		(((427/545,551,557,592).CCLS.)		
		((427/77,78).CCLS.) ((427/226).CCLS.)		
		((427/355, 372.2, 374.1).CCLS.)	İ	
		((427/444).CCLS.) (((427/903) or	ļ _a ,	
		(423/445R, 445B, 447.1, 447.2, 447.3, 447.8)).CC	PS.)	
1		((423/460, 461).CCLS.) ((83/54).CCLS.)		0004/04/44
46	191	((21648Bide)occinetal\$4 or semiconduct\$4 or	USPAT;	2004/01/16 14:12
		Nb or niobium or Si or silicon)) with (CNT	US-PGPUB	
		or nanotube or nanotubular or SWNT or MWNT		
		or SWCNT or MWCNT or nanopipe or (nano adj		
		tube) or (fullerene adj tube) or (bucky		
		adj tube) or (fullerene adj tube) or		
		nanofiber or nanofilament or (nano adj		
		fiber) or (nano adj filament))) with		
		(cut\$4 or length or shorten\$3 or break\$3		
		or broken or separat\$4 or seperat\$4 or		
		truncat\$6))		
47	60	((((carbide or metal\$4 or semiconduct\$4 or	EPO; JPO;	2004/01/16 14:12
1 3 '		Nb or niobium or Si or silicon)) with (CNT	DERWENT;	2004/01/10 14.12
	}	or nanotube or nanotubular or SWNT or MWNT		
		or SWCNT or MWCNT or nanopipe or (nano adj	IBM_TDB	
		tube) or (fullement of handpipe of (hand ad)		
	ļ	tube) or (fullerene adj tube) or (bucky	i	
		adj tube) or (fullerene adj tube) or		
		nanofiber or nanofilament or (nano adj		
		fiber) or (nano adj filament))) with		
		(cut\$4 or length or shorten\$3 or break\$3		
		or broken or separat\$4 or seperat\$4 or		
		truncat\$6))		
48	86	((((carbide or metal\$4 or semiconduct\$4 or	EPO; JPO;	2004/01/16 14:18
		Nb or niobium or Si or silicon)) with (CNT	DERWENT;	
1		or nanotube or nanotubular or SWNT or MWNT	IBM TDB	
		or SWCNT or MWCNT or nanopipe or (nano adj	_	
		tube) or (fullerene adj tube) or (bucky		
		adj tube) or (fullerene adj tube) or		
		nanofiber or nanofilament or (nano adj		
		fiber) or (nano adj filament))) with		
1		(cut\$4 or etch\$3 or length or shorten\$3 or		
		open\$3 or break\$3 or broken or separat\$4		•
		or seperat\$4 or truncat\$6))		
49	26	(((((carbide or metal\$4 or semiconduct\$4	EPO; JPO;	2004/01/16 14:18
**		or Nb or niobium or Si or silicon)) with	DERWENT;	2004/01/10 14.10
	1	(CNT or nanotube or nanotubular or SWNT or	IBM TDB	
		MWNT or SWCNT or MWCNT or nanopipe or	TEM_TOB	
		(nano adj tube) or (fullerene adj tube) or		
		(bucky adj tube) or (fullerene adj tube)		
		or nanofiber or nanofilament or (nano adj		
		fiber) or (nano adj filament))) with		
		(cut\$4 or etch\$3 or length or shorten\$3 or		
		open\$3 or break\$3 or broken or separat\$4		
1		or seperat\$4 or truncat\$6))) not		
1		((((carbide or metal\$4 or semiconduct\$4		
		or Nb or niobium or Si or silicon)) with		
		(CNT or nanotube or nanotubular or SWNT or		
	j	MWNT or SWCNT or MWCNT or nanopipe or		
		(nano adj tube) or (fullerene adj tube) or		
		(bucky adj tube) or (fullerene adj tube)		
1		or nanofiber or nanofilament or (nano adj	:	
		fiber) or (nano adj filament))) with		
		(cut\$4 or length or shorten\$3 or break\$3		
		or broken or separat\$4 or seperat\$4 or		
		truncat\$6)))		
			L	L

50	23	((((diffus\$5 or react\$3)) with (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))) with (cut\$4 or etch\$3 or length or shorten\$3 or open\$3 or break\$3 or broken or separat\$4 or seperat\$4	EPO; JPO; DERWENT; IBM_TDB	2004/01/16 14:20
51	2	(((diffus\$4) near6 (solid)) with (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament)))	EPO; JPO; DERWENT; IBM_TDB	2004/01/16 14:22
52	5	-	EPO; JPO; DERWENT; IBM_TDB	2004/01/16 14:23
53	3	<pre>((((diffus\$5 or react\$3) near5 (carbide)) same (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))))</pre>	EPO; JPO; DERWENT; IBM_TDB	2004/01/16 14:24
54	0	((((diffus\$5 or react\$3) near5 (carbide)) same (CNT or nanotube or nanotubular or SWNT or MWNT or SWCNT or MWCNT or nanopipe or (nano adj tube) or (fullerene adj tube) or (bucky adj tube) or (fullerene adj tube) or nanofiber or nanofilament or (nano adj fiber) or (nano adj filament))) same (cut\$4 or etch\$3 or length or shorten\$3 or open\$3 or break\$3 or broken or separat\$4 or seperat\$4 or truncat\$5))	EPO; JPO; DERWENT; IBM_TDB	2004/01/16 14:25
55	41		EPO; JPO; DERWENT; IBM_TDB	2004/01/16 14:25

56	16	1////diffuges or reactes) \ come /Ohm ==	EDO. TDO.	T2004 (01 /3 C 14 - 05
ا مد	16	1	EPO; JPO;	2004/01/16 14:25
		nanotube or nanotubular or SWNT or MWNT or	DERWENT;	
		SWCNT or MWCNT or nanopipe or (nano adj	IBM_TDB	
		tube) or (fullerene adj tube) or (bucky		
		adj tube) or (fullerene adj tube) or		
		nanofiber or nanofilament or (nano adj		
		fiber) or (nano adj filament))) same		
		(cut\$4 or etch\$3 or length or shorten\$3 or		
		open\$3 or break\$3 or broken or separat\$4		
		or seperat\$4 or truncat\$5))) not		
		<pre>(((((((carbide or metal\$4 or semiconduct\$4</pre>		
		or Nb or niobium or Si or silicon)) with		
		(CNT or nanotube or nanotubular or SWNT or		
		MWNT or SWCNT or MWCNT or nanopipe or		
		(nano adj tube) or (fullerene adj tube) or		
		(bucky adj tube) or (fullerene adj tube)		
		or nanofiber or nanofilament or (nano adj		
		fiber) or (nano adj filament))) with		
		(cut\$4 or etch\$3 or length or shorten\$3 or		
		open\$3 or break\$3 or broken or separat\$4		
		or seperat\$4 or truncat\$6))) not		
		(((((carbide or metal\$4 or semiconduct\$4		
		or Nb or niobium or Si or silicon)) with		
,		(CNT or nanotube or nanotubular or SWNT or	İ	
		MWNT or SWCNT or MWCNT or nanopipe or		
		(nano adj tube) or (fullerene adj tube) or		
]		(bucky adj tube) or (fullerene adj tube)		
·		or nanofiber or nanofilament or (nano adj		:
		fiber) or (nano adj filament))) with		
		(cut\$4 or length or shorten\$3 or break\$3		
İ		or broken or separat\$4 or separat\$4 or		
		truncat\$6)))) or ((((diffus\$5 or		
		react\$3)) with (CNT or nanotube or		
		nanotubular or SWNT or MWNT or SWCNT or		
		MWCNT or nanopipe or (nano adj tube) or		
		(fullerene adj tube) or (bucky adj tube)		
		or (fullerene adj tube) or nanofiber or		
		nanofilament or (nano adj fiber) or (nano	-	
		adj filament))) with (cut\$4 or etch\$3 or		
		length or shorten\$3 or open\$3 or break\$3	1	
		or broken or separat\$4 or seperat\$4 or		
57	E	truncat\$6))))	EDO. TDO:	2004/01/16 14 65
"	5	(((,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	EPO; JPO;	2004/01/16 14:27
		metal\$3 or Nb or niobium or semiconduct\$4	DERWENT;	
		or Si or silicon or carbide)) same (CNT or	IBM_TDB	
		nanotube or nanotubular or SWNT or MWNT or		
		SWCNT or MWCNT or nanopipe or (nano adj	-	
		tube) or (fullerene adj tube) or (bucky		
		adj tube) or (fullerene adj tube) or		
		nanofiber or nanofilament or (nano adj		1
		fiber) or (nano adj filament))) same		
		(cut\$4 or etch\$3 or length or shorten\$3 or		
		open\$3 or break\$3 or broken or separat\$4		
		or seperat\$4 or truncat\$5))		1